

20700J Seq List\_ST25.txt  
SEQUENCE LISTING

<110> Pfizer, Inc  
Dasseux, Jean-Louis  
Sekkul, Renate  
Buttner, Klaus  
Cornut, Isabelle  
Dufourcq, Jean

<120> Apolipoprotein A-I Agonists and Their Use to Treat Dyslipidemic

<130> PC20700J

<140> US 10/802,080  
<141> 2004-03-15

<150> US 09/453,840  
<151> 1999-12-01

<150> US 08/940,095  
<151> 1997-09-27

<160> 258

<170> PatentIn version 3.4

<210> 1  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (16)..(16)  
<223> Xaa = Naphthylalanine

<400> 1

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Xaa  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 2  
<211> 23  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 2

Gly Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

20700J Seq List\_ST25.txt

Leu Lys Gln Lys Leu Lys Lys  
20

<210> 3  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 3

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Trp  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 4  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 4

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 5  
<211> 23  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(1)  
<223> Xaa = D-Pro

<400> 5

Xaa Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys Lys  
20

20700J Seq List\_ST25.txt

<210> 6  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 6

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 7  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 7

Pro Val Leu Asp Leu Phe Lys Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 8  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 8

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 9

20700J Seq List\_ST25.txt

<211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 9

Pro Val Leu Asp Leu Phe Arg Glu Leu Gly Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 10  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (17)..(17)  
 <223> Xaa = Naphthylalanine

<400> 10

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Xaa Lys Gln Lys Leu Lys  
 20

<210> 11  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 11

Pro Val Leu Asp Leu Phe Lys Glu Leu Leu Gln Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 12  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

20700J Seq List\_ST25.txt

<220>

<223> Synthetic Peptide

<400> 12

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Gly Lys Gln Lys Leu Lys  
20

<210> 13

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 13

Gly Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 14

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (18)..(18)

<223> xaa = Orn

<220>

<221> misc\_feature

<222> (20)..(20)

<223> xaa = Orn

<220>

<221> misc\_feature

<222> (22)..(22)

<223> xaa = Orn

<400> 14

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Leu Xaa Gln Xaa Leu Xaa

20

<210> 15  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 15

Pro Val Leu Asp Leu Phe Arg Glu Leu Trp Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 16  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 16

Pro Val Leu Asp Leu Leu Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 17  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 17

Pro Val Leu Glu Leu Phe Lys Glu Leu Leu Gln Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 18  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>

## 20700J Seq List\_ST25.txt

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 18

Gly Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

&lt;210&gt; 19

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)..(1)

&lt;223&gt; Xaa = D-Pro

&lt;400&gt; 19

Xaa Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

&lt;210&gt; 20

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 20

Pro Val Leu Asp Leu Phe Arg Glu Gly Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

&lt;210&gt; 21

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

20700J Seq List\_ST25.txt

<220>  
 <221> misc\_feature  
 <222> (1)..(1)  
 <223> Xaa = D-Pro

<400> 21

Xaa Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 22  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 22

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Gly  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 23  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 23

Pro Leu Leu Glu Leu Phe Lys Glu Leu Leu Gln Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 24  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 24

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15



20700J Seq List\_ST25.txt

Leu Gln Lys Lys Leu Lys  
20

<210> 25  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = Aib

<400> 25

Pro Val Leu Asp Phe Phe Arg Glu Leu Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 26  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 26

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Leu  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 27  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (14)..(14)  
<223> Xaa = Naphthylalanine

<400> 27

20700J Seq List\_ST25.txt

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Xaa Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 28  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 28

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Trp Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 29  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 29

Ala Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 30  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 30

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

20700J Seq List\_ST25.txt

<210> 31  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 31

Pro Val Leu Asp Leu Phe Leu Glu Leu Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 32  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(1)  
 <223> Xaa = Aib

<400> 32

Xaa Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 33  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 33

Pro Val Leu Asp Leu Phe Arg Glu Lys Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys

<210> 34  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (5)..(5)  
 <223> Xaa = Naphthylalanine

<400> 34

Pro Val Leu Asp Xaa Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 35  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 35

Pro Val Leu Asp Trp Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 36  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 36

Pro Leu Leu Glu Leu Leu Lys Glu Leu Leu Gln Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

20700J Seq List\_ST25.txt

<210> 37  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 37

Pro Val Leu Asp Leu Phe Arg Glu Trp Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 38  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 38

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Trp Lys Gln Lys Leu Lys  
 20

<210> 39  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 39

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Leu Leu Lys Ala  
 1 5 10 15

Leu Lys Lys Lys Leu Lys  
 20

<210> 40  
 <211> 22  
 <212> PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 40

Pro Val Leu Asp Leu Phe Asn Glu Leu Leu Arg Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Lys  
 20

&lt;210&gt; 41

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (13)..(13)

&lt;223&gt; Xaa = Aib

&lt;400&gt; 41

Pro Val Leu Asp Leu Trp Arg Glu Leu Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

&lt;210&gt; 42

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (13)..(13)

&lt;223&gt; Xaa = Aib

&lt;400&gt; 42

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Trp Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

20700J Seq List\_ST25.txt

<210> 43  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 43

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Trp Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 44  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(22)  
 <223> All genetically encoded amino acids are in the D-configuration

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 44

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 45  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>

20700J Seq List\_ST25.txt

<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = Aib

<400> 45

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 46  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = Aib

<400> 46

Pro Val Leu Asp Leu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 47  
<211> 21  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 47

Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Ala Leu  
1 5 10 15

Lys Gln Lys Leu Lys  
20

<210> 48  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide



20700J Seq List\_ST25.txt

<220>  
 <221> misc\_feature  
 <222> (1)..(1)  
 <223> Xaa = D-Pro

<220>  
 <221> misc\_feature  
 <222> (2)..(2)  
 <223> Xaa = D-Val

<400> 48

Xaa Xaa Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 49  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 49

Pro Val Leu Asp Leu Phe Arg Asn Leu Leu Glu Lys Leu Leu Glu Ala  
 1 5 10 15

Leu Glu Gln Lys Leu Lys  
 20

<210> 50  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 50

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Trp Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

20700J Seq List\_ST25.txt

<210> 51  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 51

Pro Val Leu Asp Leu Phe Trp Glu Leu Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 52  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 52

Pro Val Trp Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 53  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 53

Val Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

20700J Seq List\_ST25.txt

Leu Lys Gln Lys Leu Lys  
20

<210> 54  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 54

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Trp Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 55  
<211> 19  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 55

Pro Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala Leu Lys Gln  
1 5 10 15

Lys Leu Lys

<210> 56  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 56

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Lys Lys  
20

<210> 57  
<211> 22  
<212> PRT  
<213> Artificial Sequence

20700J Seq List\_ST25.txt

<220>

<223> Synthetic Peptide

<400> 57

Pro Val Leu Asp Leu Phe Arg Asn Leu Leu Glu Glu Leu Leu Lys Ala  
1 5 10 15

Leu Glu Gln Lys Leu Lys  
20

<210> 58

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (13)..(13)

<223> Xaa = Aib

<400> 58

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu  
20

<210> 59

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 59

Leu Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 60

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

20700J Seq List\_ST25.txt

<400> 60

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Leu Lys Gln

<210> 61

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (13)..(13)

<223> Xaa = Aib

<400> 61

Pro Val Leu Asp Glu Phe Arg Trp Lys Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 62

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (13)..(13)

<223> Xaa = Aib

<400> 62

Pro Val Leu Asp Glu Trp Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 63

<211> 22

<212> PRT

<213> Artificial Sequence

20700J Seq List\_ST25.txt

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (13)..(13)

<223> Xaa = Aib

<400> 63

Pro Val Leu Asp Phe Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 64

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (13)..(13)

<223> Xaa = Aib

<400> 64

Pro Trp Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 65

<211> 21

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (12)..(12)

<223> Xaa = Aib

<400> 65

Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala Leu  
1 5 10 15

## 20700J Seq List\_ST25.txt

Lys Gln Lys Leu Lys  
20

<210> 66  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 66

Pro Val Leu Asp Leu Phe Arg Asn Leu Leu Glu Glu Leu Leu Glu Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 67  
<211> 21  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 67

Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala Leu  
1 5 10 15

Lys Gln Lys Leu Lys  
20

<210> 68  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = Aib

<400> 68

Pro Val Leu Asp Glu Phe Arg Glu Leu Leu Lys Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

20700J Seq List\_ST25.txt

<210> 69  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 69

Pro Val Leu Asp Glu Phe Arg Lys Lys Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 70  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 70

Pro Val Leu Asp Glu Phe Arg Glu Leu Leu Tyr Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 71  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (14)..(4)  
 <223> Xaa = Aib



20700J Seq List\_ST25.txt

<220>  
 <221> misc\_feature  
 <222> (14)..(14)  
 <223> Xaa = Aib

<400> 71

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Leu Xaa Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 72  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 72

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Xaa Leu Trp Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 73  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 73

Pro Val Leu Asp Glu Phe Trp Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

20700J Seq List\_ST25.txt

<210> 74  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 74

Pro Val Leu Asp Lys Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 75  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 75

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Glu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 76  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 76

Pro Val Leu Asp Glu Phe Arg Glu Leu Leu Phe Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys

<210> 77  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 77

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Lys Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 78  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 78

Pro Val Leu Asp Glu Phe Arg Asp Lys Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 79  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 79

Pro Val Leu Asp Glu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

20700J Seq List\_ST25.txt

Leu Lys Gln Lys Leu Lys  
20

<210> 80  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 80

Pro Val Leu Asp Leu Phe Glu Arg Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 81  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = Aib

<400> 81

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Trp Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 82  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (11)..(11)  
<223> Xaa = Aib

<400> 82

20700J Seq List\_ST25.txt

Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala Leu Lys  
1 5 10 15

Gln Lys Leu Lys  
20

<210> 83  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = Aib

<400> 83

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Trp Gln Lys Leu Lys  
20

<210> 84  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 84

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 85  
<211> 21  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 85

Pro Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala Leu  
1 5 10 15

20700J Seq List\_ST25.txt

Lys Gln Lys Leu Lys  
20

<210> 86  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 86

Pro Val Leu Glu Leu Phe Glu Arg Leu Leu Asp Glu Leu Leu Asn Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 87  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(22)  
<223> All amino acids are in the D-configuration

<400> 87

Pro Leu Leu Glu Leu Leu Lys Glu Leu Leu Gln Glu Leu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 88  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = Aib

<400> 88

20700J Seq List\_ST25.txt

Pro Val Leu Asp Lys Phe Arg Glu Leu Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 89  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> xaa = Aib

<400> 89

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Trp Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 90  
<211> 19  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (10)..(10)  
<223> xaa = Aib

<400> 90

Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala Leu Lys Gln  
1 5 10 15

Lys Leu Lys

<210> 91  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 91

Pro Val Leu Asp Glu Phe Arg Glu Leu Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 92  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 92

Pro Val Leu Asp Glu Phe Arg Glu Leu Tyr Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 93  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 93

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Lys Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys



<210> 94  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 94

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Ala Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 95  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

<400> 95

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Leu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 96  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(22)  
 <223> All genetically encoded amino acids are in the D-configuration

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib

20700J Seq List\_ST25.txt

<400> 96

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 97

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 97

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu  
1 5 10 15

<210> 98

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 98

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Glu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 99

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 99

Lys Leu Lys Gln Lys Leu Ala Glu Leu Leu Glu Asn Leu Leu Glu Arg  
1 5 10 15

Phe Leu Asp Leu Val Pro  
20

<210> 100

<211> 22

20700J Seq List\_ST25.txt

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(22)  
<223> All amino acids are in the D-configuration

<400> 100

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 101  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = Aib

<400> 101

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Trp Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 102  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = Aib

<400> 102

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Xaa Leu Glu Ala  
1 5 10 15

## 20700J Seq List\_ST25.txt

1 5 10 15

Leu Lys Glu Lys Leu Lys  
20

<210> 103  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 103

Pro Val Leu Asp Glu Phe Arg Glu Leu Leu Asn Glu Glu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 104  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 104

Pro Leu Leu Asn Glu Leu Leu Glu Ala Leu Lys Gln Lys Leu Lys  
1 5 10 15

<210> 105  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 105

Pro Ala Ala Asp Ala Phe Arg Glu Ala Ala Asn Glu Ala Ala Glu Ala  
1 5 10 15

Ala Lys Gln Lys Ala Lys  
20

<210> 106  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>

20700J Seq List\_ST25.txt

<223> Synthetic Peptide

<400> 106

Pro Val Leu Asp Leu Phe Arg Glu Lys Leu Asn Glu Glu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 107

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (1)..(22)

<223> All amino acids are in the D-configuration

<400> 107

Lys Leu Lys Gln Lys Leu Ala Glu Leu Leu Glu Asn Leu Leu Glu Arg  
1 5 10 15

Phe Leu Asp Leu Val Pro  
20

<210> 108

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (13)..(13)

<223> Xaa = Aib

<400> 108

Pro Val Leu Asp Leu Phe Arg Trp Leu Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 109

<211> 22

<212> PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 109

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Arg Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

&lt;210&gt; 110

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (13)..(13)

&lt;223&gt; Xaa = Aib

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (14)..(14)

&lt;223&gt; Xaa = Aib

&lt;400&gt; 110

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Xaa Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

&lt;210&gt; 111

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (13)..(13)

&lt;223&gt; Xaa = Aib

&lt;400&gt; 111

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Trp Glu Xaa Trp Glu Ala  
 1 5 10 15

# 20700J Seq List\_ST25.txt

Leu Lys Gln Lys Leu Lys  
20

<210> 112  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = Aib

<400> 112

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Ser Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 113  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 113

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Pro Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 114  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = Aib

<400> 114

20700J Seq List\_ST25.txt

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Met Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 115  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = Aib

<400> 115

Pro Lys Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 116  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (13)..(13)  
<223> Xaa = Aib

<400> 116

Pro His Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 117  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide



20700J Seq List\_ST25.txt

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib  
 <400> 117  
 Pro Glu Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 118  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (13)..(13)  
 <223> Xaa = Aib  
 <400> 118  
 Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Xaa Leu Glu Ala  
 1 5 10 15

Leu Glu Gln Lys Leu Lys  
 20

<210> 119  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (17)..(17)  
 <223> Xaa = Aib  
 <400> 119  
 Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Glu Leu Glu Ala  
 1 5 10 15

Xaa Lys Gln Lys Leu Lys  
 20

20700J Seq List\_ST25.txt

<210> 120  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (16)..(16)  
 <223> Xaa = Aib

<400> 120

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Glu Leu Glu Xaa  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 121  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 121

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Glu Leu Glu Ala  
 1 5 10 15

Leu Trp Gln Lys Leu Lys  
 20

<210> 122  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 122

Pro Val Leu Asp Glu Phe Arg Glu Lys Leu Asn Glu Glu Leu Glu Trp  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 123

## 20700J Seq List\_ST25.txt

<211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 123

Gln Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 124  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (7)..(7)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (18)..(18)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (20)..(20)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (22)..(22)  
 <223> Xaa = Orn

<400> 124

Pro Val Leu Asp Leu Phe Xaa Glu Leu Leu Asn Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Xaa Gln Xaa Leu Xaa  
 20

<210> 125  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

20700J Seq List\_ST25.txt

<400> 125

Asn Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 126

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 126

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Gly Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 127

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 127

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Leu  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 128

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 128

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Phe  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

20700J Seq List\_ST25.txt

<210> 129  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 129

Pro Val Leu Glu Leu Phe Asn Asp Leu Leu Arg Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Lys  
 20

<210> 130  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 130

Pro Val Leu Glu Leu Phe Asn Asp Leu Leu Arg Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 131  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 131

Pro Val Leu Glu Leu Phe Lys Glu Leu Leu Asn Glu Leu Leu Asp Ala  
 1 5 10 15

Leu Arg Gln Lys Leu Lys  
 20

<210> 132  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

20700J Seq List\_ST25.txt

<400> 132

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Asn Leu Leu Glu Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 133

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 133

Pro Val Leu Glu Leu Phe Glu Arg Leu Leu Glu Asp Leu Leu Gln Ala  
1 5 10 15

Leu Asn Lys Lys Leu Lys  
20

<210> 134

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 134

Pro Val Leu Glu Leu Phe Glu Arg Leu Leu Glu Asp Leu Leu Lys Ala  
1 5 10 15

Leu Asn Gln Lys Leu Lys  
20

<210> 135

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 135

Asp Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

20700J Seq List\_ST25.txt

<210> 136  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 136

Pro Ala Leu Glu Leu Phe Lys Asp Leu Leu Gln Glu Leu Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 137  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (17)..(17)  
 <223> Xaa = Naphthylalanine

<400> 137

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Ala  
 1 5 10 15

Xaa Lys Gln Lys Leu Lys  
 20

<210> 138  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 138

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Trp  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 139

## 20700J Seq List\_ST25.txt

<211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 139

Pro Val Leu Asp Leu Phe Arg Glu Leu Trp Asn Glu Gly Leu Glu Ala  
 1 5 10 15

Leu Lys Gln Lys Leu Lys  
 20

<210> 140  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (18)..(18)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (20)..(20)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (22)..(22)  
 <223> Xaa = Orn

<400> 140

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Ala  
 1 5 10 15

Leu Xaa Gln Xaa Leu Xaa  
 20

<210> 141  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 141

Pro Val Leu Asp Phe Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Ala  
 1 5 10 15



20700J Seq List\_ST25.txt

Leu Lys Gln Lys Leu Lys  
20

<210> 142  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 142

Pro Val Leu Glu Leu Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 143  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(22)  
<223> N-terminal acetylated and C-terminal amidated peptide

<400> 143

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Gly Leu Glu Ala  
1 5 10 15

Leu Lys Gln Lys Leu Lys  
20

<210> 144  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(1)  
<223> Xaa = D-Pro

<400> 144

20700J Seq List\_ST25.txt

Xaa Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 145  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 145

Gly Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 146  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 146

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 147  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 147

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Phe Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

20700J Seq List\_ST25.txt

<210> 148  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 148

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Gly Asp Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Lys  
 20

<210> 149  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 149

Pro Val Leu Glu Leu Phe Glu Asn Leu Trp Glu Arg Leu Leu Asp Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Lys  
 20

<210> 150  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 150

Pro Leu Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Lys  
 20

<210> 151  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 151

20700J Seq List\_ST25.txt

Pro Val Leu Glu Leu Phe Glu Asn Leu Gly Glu Arg Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 152  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 152

Pro Val Phe Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 153  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 153

Ala Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 154  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 154

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Gly Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

20700J Seq List\_ST25.txt

<210> 155  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 155

Pro Val Leu Glu Leu Phe Leu Asn Leu Trp Glu Arg Leu Leu Asp Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Lys  
 20

<210> 156  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 156

Pro Val Leu Glu Leu Phe Leu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Lys  
 20

<210> 157  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 157

Pro Val Leu Glu Phe Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Lys  
 20

<210> 158  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 158

20700J Seq List\_ST25.txt

Pro Val Leu Glu Leu Phe Leu Asn Leu Leu Glu Arg Leu Leu Asp Trp  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 159  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 159

Pro Val Leu Asp Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 160  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 160

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Trp  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 161  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 161

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Glu Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

20700J Seq List\_ST25.txt

<210> 162  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 162

Pro Val Leu Glu Leu Phe Glu Asn Trp Leu Glu Arg Leu Leu Asp Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Lys  
 20

<210> 163  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 163

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Trp Asp Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Lys  
 20

<210> 164  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 164

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
 1 5 10 15

Trp Gln Lys Lys Leu Lys  
 20

<210> 165  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 165

20700J Seq List\_ST25.txt

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Leu  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 166  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 166

Pro Val Leu Glu Leu Phe Leu Asn Leu Leu Glu Lys Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 167  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 167

Pro Val Leu Glu Leu Phe Glu Asn Gly Leu Glu Arg Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 168  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 168

Pro Val Leu Glu Leu Phe Glu Gln Leu Leu Glu Lys Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20



20700J Seq List\_ST25.txt

<210> 169  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 169

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Lys Leu Leu Asp Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Lys  
 20

<210> 170  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (12)..(12)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (19)..(19)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (20)..(20)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (22)..(22)  
 <223> Xaa = Orn

<400> 170

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Xaa Leu Leu Asp Ala  
 1 5 10 15

Leu Gln Xaa Xaa Leu Xaa  
 20

<210> 171  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>

20700J Seq List\_ST25.txt

<223> Synthetic Peptide

<400> 171

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Lys Leu Leu Asp Leu  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 172

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 172

Pro Val Leu Glu Leu Phe Leu Asn Leu Leu Glu Arg Leu Gly Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 173

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 173

Pro Val Leu Asp Leu Phe Asp Asn Leu Leu Asp Arg Leu Leu Asp Leu  
1 5 10 15

Leu Asn Lys Lys Leu Lys  
20

<210> 174

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (1)..(22)

<223> All amino acids are in the D-configuration

<400> 174

20700J Seq List\_ST25.txt

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 175  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 175

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Glu Leu  
1 5 10 15

Leu Asn Lys Lys Leu Lys  
20

<210> 176  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 176

Pro Val Leu Glu Leu Trp Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 177  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 177

Gly Val Leu Glu Leu Phe Leu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

20700J Seq List\_ST25.txt

<210> 178  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 178

Pro Val Leu Glu Leu Phe Asp Asn Leu Leu Glu Lys Leu Leu Glu Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Arg  
 20

<210> 179  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 179

Pro Val Leu Glu Leu Phe Asp Asn Leu Leu Glu Arg Leu Leu Asp Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Lys  
 20

<210> 180  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 180

Pro Val Leu Glu Leu Phe Asp Asn Leu Leu Asp Lys Leu Leu Asp Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Arg  
 20

<210> 181  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 181

20700J Seq List\_ST25.txt

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Trp Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 182  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 182

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Lys Leu Leu Glu Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 183  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 183

Pro Leu Leu Glu Leu Phe Glu Asn Leu Leu Glu Lys Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 184  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 184

Pro Val Leu Glu Leu Phe Leu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
1 5 10 15

Trp Gln Lys Lys Leu Lys  
20

20700J Seq List\_ST25.txt

<210> 185  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (19)..(19)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (20)..(20)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (22)..(22)  
 <223> Xaa = Orn

<400> 185

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
 1 5 10 15

Leu Gln Xaa Xaa Leu Xaa  
 20

<210> 186  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 186

Pro Val Leu Glu Leu Phe Glu Gln Leu Leu Glu Arg Leu Leu Asp Ala  
 1 5 10 15

Leu Gln Lys Lys Leu Lys  
 20

<210> 187  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 187

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
 Page 62

1 5 10 15

Leu Asn Lys Lys Leu Lys  
20

<210> 188  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 188

Pro Val Leu Glu Leu Phe Glu Asn Leu Leu Asp Arg Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 189  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 189

Asp Val Leu Glu Leu Phe Glu Asn Leu Leu Glu Arg Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Lys  
20

<210> 190  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 190

Pro Val Leu Glu Phe Trp Asp Asn Leu Leu Asp Lys Leu Leu Asp Ala  
1 5 10 15

Leu Gln Lys Lys Leu Arg  
20

<210> 191  
<211> 18

20700J Seq List\_ST25.txt

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(18)  
<223> N-terminal acetylated and C-terminal amidated

<400> 191

Pro Val Leu Asp Leu Leu Arg Glu Leu Leu Glu Glu Leu Lys Gln Lys  
1 5 10 15

Leu Lys

<210> 192  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(18)  
<223> N-terminal acetylated and C-terminal amidated

<400> 192

Pro Val Leu Asp Leu Phe Lys Glu Leu Leu Glu Glu Leu Lys Gln Lys  
1 5 10 15

Leu Lys

<210> 193  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(18)  
<223> N-terminal acetylated and C-terminal amidated

<400> 193

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Leu Lys Gln Lys  
1 5 10 15



1 5 15

Leu Lys

<210> 194  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(18)  
<223> N-terminal acetylated and C-terminal amidated

<400> 194

Pro Val Leu Glu Leu Phe Arg Glu Leu Leu Glu Glu Leu Lys Gln Lys  
1 5 10 15

Leu Lys

<210> 195  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(18)  
<223> N-terminal acetylated and C-terminal amidated

<400> 195

Pro Val Leu Glu Leu Phe Lys Glu Leu Leu Glu Glu Leu Lys Gln Lys  
1 5 10 15

Leu Lys

<210> 196  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

20700J Seq List\_ST25.txt

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated  
 <400> 196  
 Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Leu Lys Asn Lys  
 1 5 10 15

Leu Lys

<210> 197  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated  
 <400> 197

Pro Leu Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Leu Lys Gln Lys  
 1 5 10 15

Leu Lys

<210> 198  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated  
 <400> 198

Gly Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Leu Lys Gln Lys  
 1 5 10 15

Leu Lys

20700J Seq List\_ST25.txt

<210> 199  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

<400> 199

Pro Val Leu Asp Leu Phe Arg Glu Leu Trp Glu Glu Leu Lys Gln Lys  
 1 5 10 15

Leu Lys

<210> 200  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

<400> 200

Asn Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Leu Lys Gln Lys  
 1 5 10 15

Leu Lys

<210> 201  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

20700J Seq List\_ST25.txt

<400> 201

Pro Leu Leu Asp Leu Phe Lys Glu Leu Leu Glu Glu Leu Lys Gln Lys  
1 5 10 15

Leu Lys

<210> 202

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (1)..(18)

<223> N-terminal acetylated and C-terminal amidated

<400> 202

Pro Ala Leu Glu Leu Phe Lys Asp Leu Leu Glu Glu Leu Arg Gln Lys  
1 5 10 15

Leu Arg

<210> 203

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (1)..(18)

<223> N-terminal acetylated and C-terminal amidated

<400> 203

Ala Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Leu Lys Gln Lys  
1 5 10 15

Leu Lys

<210> 204

<211> 18

<212> PRT

<213> Artificial Sequence

20700J Seq List\_ST25.txt

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(18)  
<223> N-terminal acetylated and C-terminal amidated

<400> 204

Pro Val Leu Asp Phe Phe Arg Glu Leu Leu Glu Glu Leu Lys Gln Lys  
1 5 10 15

Leu Lys

<210> 205  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(18)  
<223> N-terminal acetylated and C-terminal amidated

<400> 205

Pro Val Leu Asp Leu Phe Arg Glu Trp Leu Glu Glu Leu Lys Gln Lys  
1 5 10 15

Leu Lys

<210> 206  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(18)  
<223> N-terminal acetylated and C-terminal amidated

<400> 206

Pro Leu Leu Glu Leu Leu Lys Glu Leu Leu Glu Glu Leu Lys Gln Lys  
1 5 10 15

## 20700J Seq List\_ST25.txt

Leu Lys

<210> 207  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

<400> 207

Pro Val Leu Glu Leu Leu Lys Glu Leu Leu Glu Glu Leu Lys Gln Lys  
 1 5 10 15

Leu Lys

<210> 208  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

<400> 208

Pro Ala Leu Glu Leu Phe Lys Asp Leu Leu Glu Glu Leu Arg Gln Arg  
 1 5 10 15

Leu Lys

<210> 209  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 209

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Gln Lys  
 Page 70

1 5 10 15

Leu Lys

<210> 210  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 210

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Leu Lys Gln Lys  
 1 5 10 15

Leu Lys

<210> 211  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

<220>  
 <221> misc\_feature  
 <222> (14)..(14)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (16)..(16)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (18)..(18)  
 <223> Xaa = Orn

<400> 211

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Leu Xaa Gln Xaa  
 1 5 10 15

Leu Xaa

20700J Seq List\_ST25.txt

<210> 212  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

<220>  
 <221> misc\_feature  
 <222> (7)..(7)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (14)..(14)  
 <223> Xaa = Orn

<220>  
 <221> misc\_feature  
 <222> (16)..(16)  
 <223> Xaa = Orn

<400> 212

Pro Val Leu Asp Leu Phe Xaa Glu Leu Leu Glu Glu Leu Xaa Gln Xaa  
 1 5 10 15

Leu Lys

<210> 213  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

<400> 213

Pro Ala Leu Glu Leu Phe Lys Asp Leu Leu Glu Glu Phe Arg Gln Arg  
 1 5 10 15

Leu Lys



20700J Seq List\_ST25.txt

<210> 214  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

<220>  
 <221> misc\_feature  
 <222> (1)..(1)  
 <223> D-configuration of Pro

<400> 214

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Leu Lys Gln Lys  
 1 5 10 15

Leu Lys

<210> 215  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

<400> 215

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Trp Lys Gln Lys  
 1 5 10 15

Leu Lys

<210> 216  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 216

20700J Seq List\_ST25.txt

Pro Val Leu Glu Leu Phe Lys Glu Leu Leu Glu Glu Leu Lys Gln Lys  
1 5 10 15

Leu Lys

<210> 217  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 217

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Leu Leu Lys Gln Lys  
1 5 10 15

Leu Lys

<210> 218  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<220>  
<221> misc\_feature  
<222> (1)..(18)  
<223> N-terminal acetylated and C-terminal amidated

<400> 218

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Leu Gln Lys  
1 5 10 15

Leu Lys

<210> 219  
<211> 18  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 219

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Trp Gln Lys  
1 5 10 15

20700J Seq List\_ST25.txt

Leu Lys

<210> 220  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 220

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Leu Gln Lys Lys  
 1 5 10 15

Leu Lys

<210> 221  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

<400> 221

Asp Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Leu Lys Gln Lys  
 1 5 10 15

Leu Lys

<210> 222  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 222

Pro Val Leu Asp Ala Phe Arg Glu Leu Leu Glu Ala Leu Leu Gln Leu  
 1 5 10 15

Lys Lys

20700J Seq List\_ST25.txt

<210> 223  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 223

Pro Val Leu Asp Ala Phe Arg Glu Leu Leu Glu Ala Leu Ala Gln Leu  
 1 5 10 15

Lys Lys

<210> 224  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 224

Pro Val Leu Asp Leu Phe Arg Glu Gly Trp Glu Glu Leu Lys Gln Lys  
 1 5 10 15

Leu Lys

<210> 225  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 225

Pro Val Leu Asp Ala Phe Arg Glu Leu Ala Glu Ala Leu Ala Gln Leu  
 1 5 10 15

Lys Lys

<210> 226  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 226

Pro Val Leu Asp Ala Phe Arg Glu Leu Gly Glu Ala Leu Leu Gln Leu  
 1 5 10 15

Lys Lys

&lt;210&gt; 227

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)..(18)

&lt;223&gt; N-terminal acetylated and C-terminal amidated

&lt;400&gt; 227

Pro Val Leu Asp Leu Phe Arg Glu Leu Gly Glu Glu Leu Lys Gln Lys  
 1 5 10 15

Leu Lys

&lt;210&gt; 228

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)..(18)

&lt;223&gt; N-terminal acetylated and C-terminal amidated

&lt;400&gt; 228

Pro Val Leu Asp Leu Phe Arg Glu Gly Leu Glu Glu Leu Lys Gln Lys  
 1 5 10 15

Leu Lys

&lt;210&gt; 229

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;222&gt; (1)..(18)

&lt;223&gt; N-terminal acetylated and C-terminal amidated

&lt;400&gt; 229

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Gly Lys Gln Lys  
 1 5 10 15

Leu Lys

&lt;210&gt; 230

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 230

Pro Val Leu Glu Leu Phe Glu Arg Leu Leu Glu Asp Leu Gln Lys Lys  
 1 5 10 15

Leu Lys

&lt;210&gt; 231

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 231

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Lys Leu Glu Gln Lys  
 1 5 10 15

Leu Lys

&lt;210&gt; 232

&lt;211&gt; 18

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (1)..(18)

<223> N-terminal acetylated and C-terminal amidated

<400> 232

Pro Leu Leu Glu Leu Phe Lys Glu Leu Leu Glu Glu Leu Lys Gln Lys  
1 5 10 15

Leu Lys

<210> 233

<400> 233

000

<210> 234

<400> 234

000

<210> 235

<400> 235

000

<210> 236

<400> 236

000

<210> 237

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 237

Leu Asp Asp Leu Leu Gln Lys Trp Ala Glu Ala Phe Asn Gln Leu Leu  
1 5 10 15

Lys Lys

<210> 238

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

20700J Seq List\_ST25.txt

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated  
 <400> 238  
 Glu Trp Leu Lys Ala Phe Tyr Glu Lys Val Leu Glu Lys Leu Lys Glu  
 1 5 10 15

Leu Phe

<210> 239  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated  
 <400> 239  
 Glu Trp Leu Glu Ala Phe Tyr Lys Lys Val Leu Glu Lys Leu Lys Glu  
 1 5 10 15

Leu Phe

<210> 240  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated  
 <400> 240  
 Asp Trp Leu Lys Ala Phe Tyr Asp Lys Val Ala Glu Lys Leu Lys Glu  
 1 5 10 15

Ala Phe



20700J Seq List\_ST25.txt

<210> 241  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 241

Asp Trp Phe Lys Ala Phe Tyr Asp Lys Val Phe Glu Lys Phe Lys Glu  
 1 5 10 15

Phe Phe

<210> 242  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 242

Gly Ile Lys Lys Phe Leu Gly Ser Ile Trp Lys Phe Ile Lys Ala Phe  
 1 5 10 15

Val Gly

<210> 243  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 243

Asp Trp Phe Lys Ala Phe Tyr Asp Lys Val Ala Glu Lys Phe Lys Glu  
 1 5 10 15

Ala Phe

<210> 244  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

20700J Seq List\_ST25.txt

<400> 244

Asp Trp Leu Lys Ala Phe Tyr Asp Lys Val Ala Glu Lys Leu Lys Glu  
1 5 10 15

Ala Phe

<210> 245

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 245

Asp Trp Leu Lys Ala Phe Tyr Asp Lys Val Phe Glu Lys Phe Lys Glu  
1 5 10 15

Phe Phe

<210> 246

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 246

Glu Trp Leu Glu Ala Phe Tyr Lys Lys Val Leu Glu Lys Leu Lys Glu  
1 5 10 15

Leu Phe

<210> 247

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 247

Asp Trp Phe Lys Ala Phe Tyr Asp Lys Phe Phe Glu Lys Phe Lys Glu  
1 5 10 15

Phe Phe

20700J Seq List\_ST25.txt

<210> 248  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 248

Glu Trp Leu Lys Ala Phe Tyr Glu Lys Val Leu Glu Lys Leu Lys Glu  
 1 5 10 15

Leu Phe

<210> 249  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

<400> 249

Glu Trp Leu Lys Ala Glu Tyr Glu Lys Val Glu Glu Lys Leu Lys Glu  
 1 5 10 15

Leu Phe

<210> 250  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

<400> 250

Glu Trp Leu Lys Ala Glu Tyr Glu Lys Val Leu Glu Lys Leu Lys Glu  
 1 5 10 15

20700J Seq List\_ST25.txt

Leu Phe

<210> 251  
 <211> 18  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(18)  
 <223> N-terminal acetylated and C-terminal amidated

<400> 251

Glu Trp Leu Lys Ala Phe Tyr Lys Lys Val Leu Glu Lys Leu Lys Glu  
 1 5 10 15

Leu Phe

<210> 252  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(15)  
 <223> N-terminal acetylated and C-terminal amidated

<400> 252

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Gln Lys Leu Lys  
 1 5 10 15

<210> 253  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<220>  
 <221> misc\_feature  
 <222> (1)..(16)  
 <223> N-terminal acetylated and C-terminal amidated

20700J Seq List\_ST25.txt

<400> 253

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Glu Leu Lys Gln Lys  
1 5 10 15

<210> 254

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (1)..(16)

<223> N-terminal acetylated and C-terminal amidated

<400> 254

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Lys Leu Lys Gln Lys  
1 5 10 15

<210> 255

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (1)..(15)

<223> N-terminal acetylated and C-terminal amidated

<400> 255

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Lys Leu Gln Lys  
1 5 10 15

<210> 256

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc\_feature

<222> (1)..(16)

<223> N-terminal acetylated and C-terminal amidated

<400> 256

Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Glu Ala Leu Lys Gln Lys

```

1              5              10              15
<210> 257
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Peptide

<220>
<221> misc_feature
<222> (1)..(16)
<223> N-terminal acetylated and C-terminal amidated

<400> 257
Pro Val Leu Asp Leu Phe Glu Asn Leu Leu Glu Arg Leu Lys Gln Lys
1              5              10              15

<210> 258
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic Peptide

<220>
<221> misc_feature
<222> (1)..(16)
<223> N-terminal acetylated and C-terminal amidated

<400> 258
Pro Val Leu Asp Leu Phe Arg Glu Leu Leu Asn Glu Leu Lys Gln Lys
1              5              10              15

```